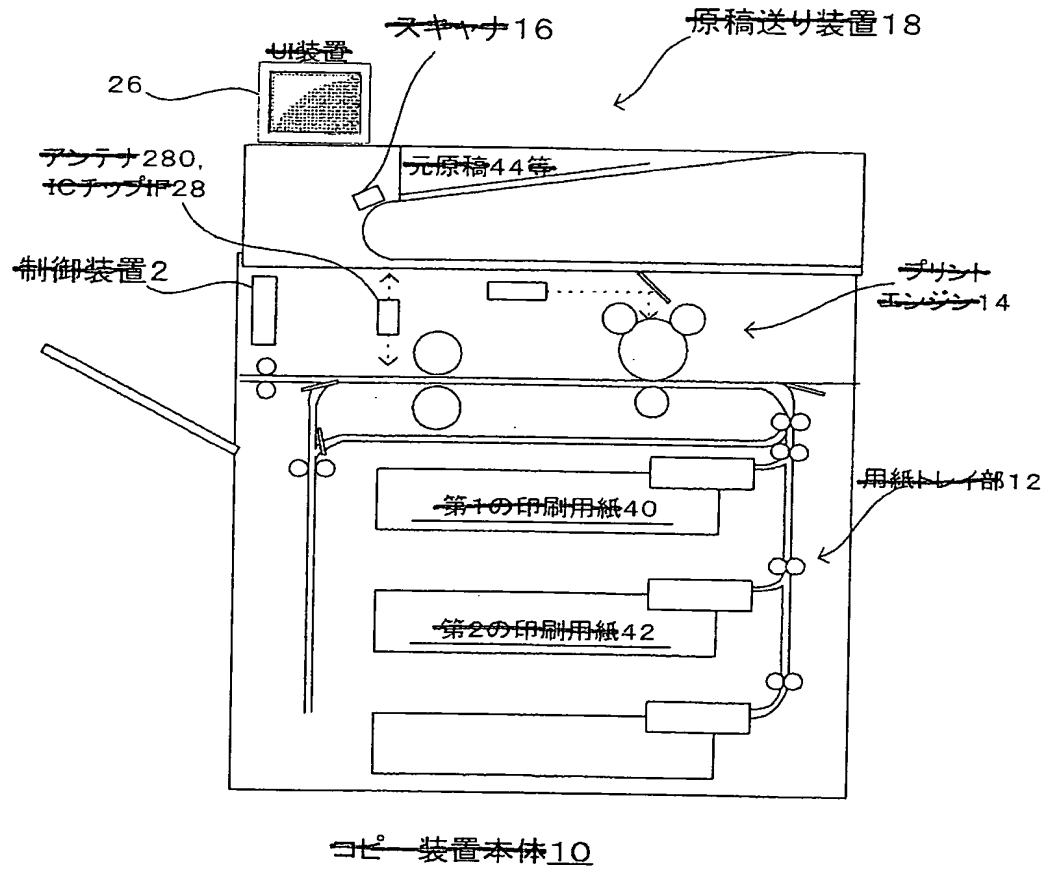




Fig. 2

2/21



〔図3〕

Fig. 3A

3/21

(A)

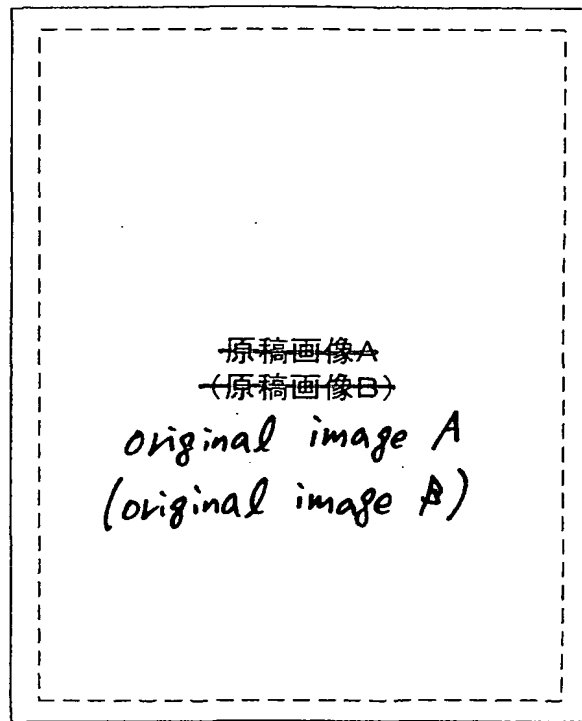
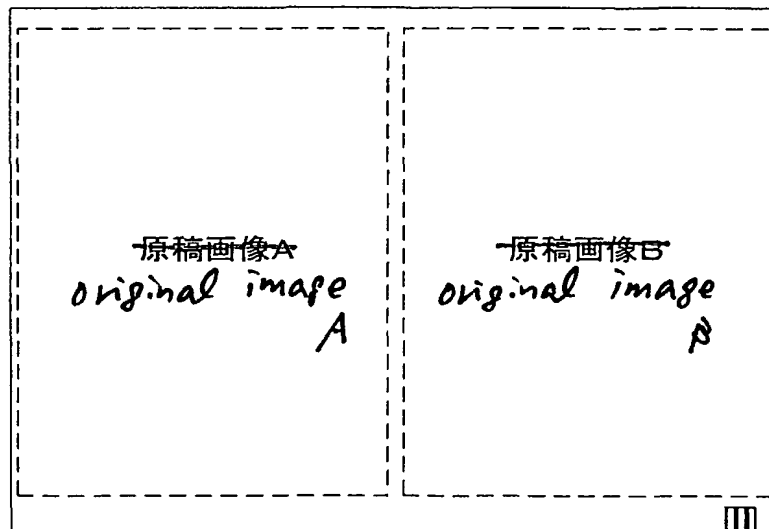


Fig. 3B

元原稿44

(B)



第1の印刷用紙40

ICチップ3

【図4】

Fig. 4A

4/21

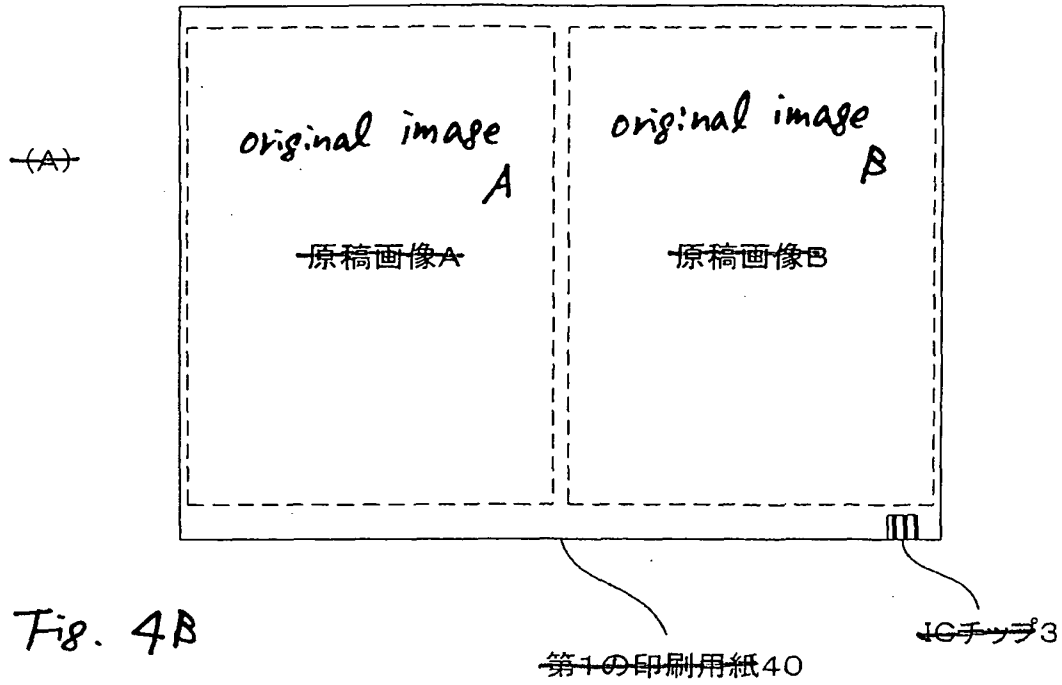


Fig. 4B

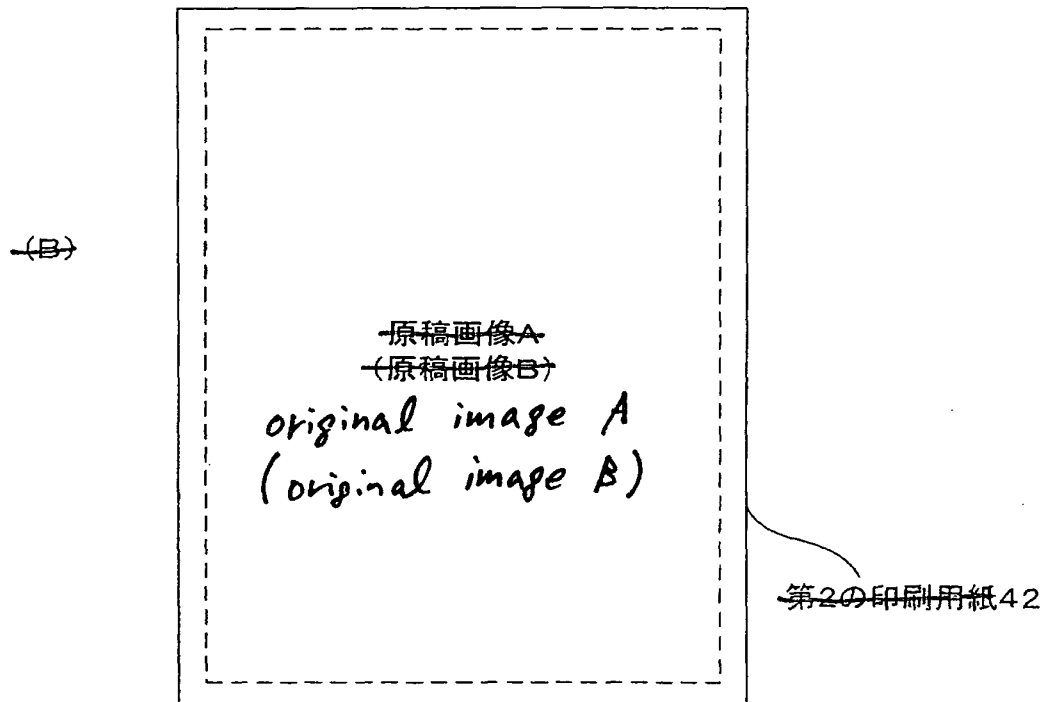
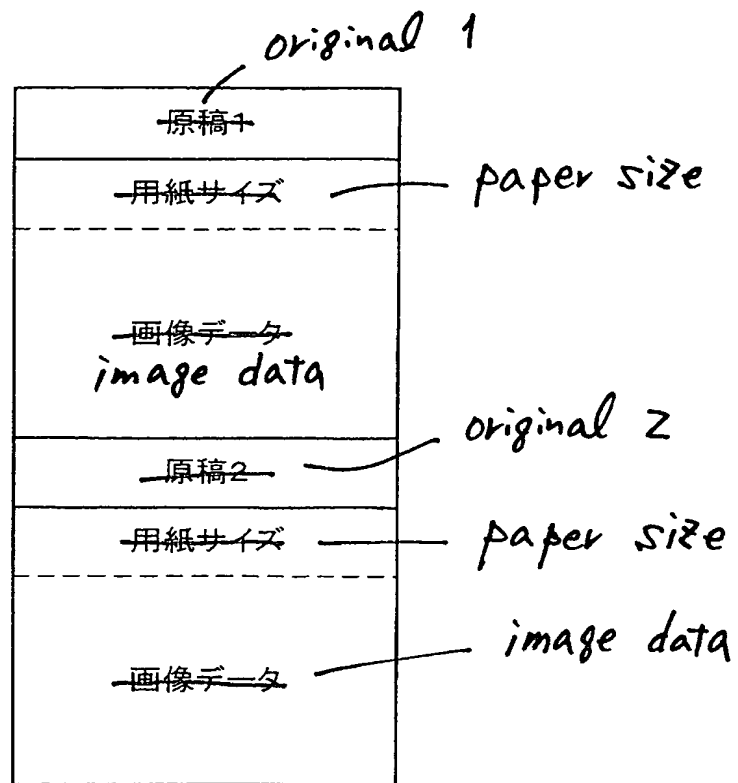


Fig. 5

5/21



6/21

Fig 6

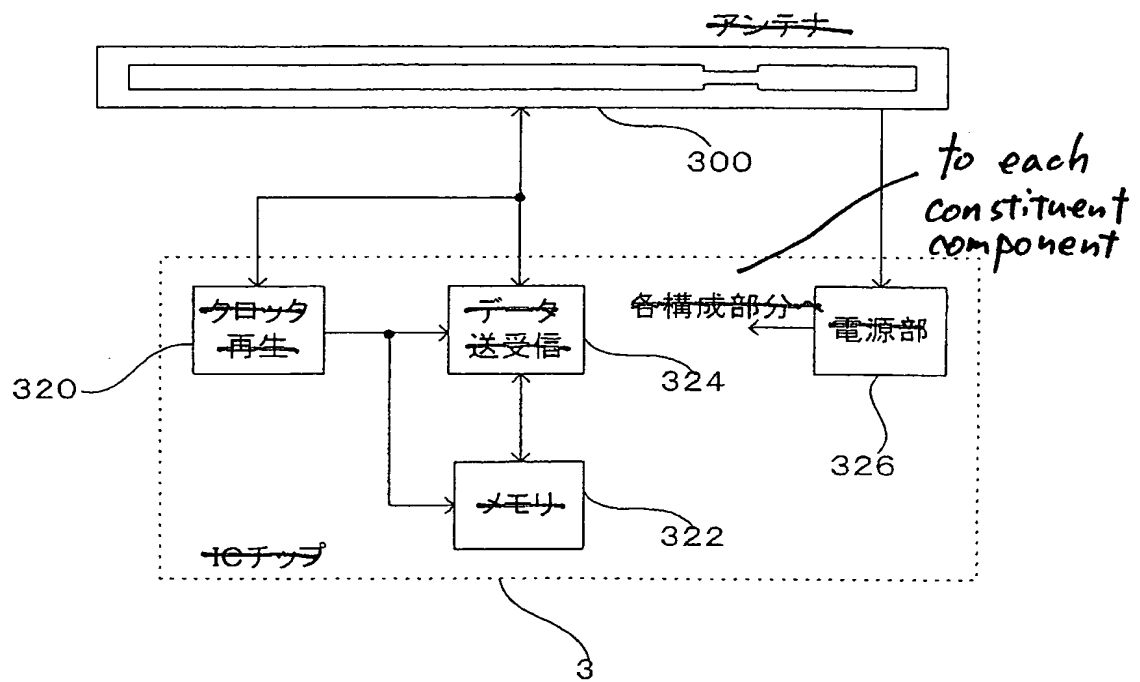


FIG. 6

320 clock reproducing circuit

322 memory circuit

324 data transmitting/receiving circuit

326 power supply circuit

【図7】

Fig. 7

7/21

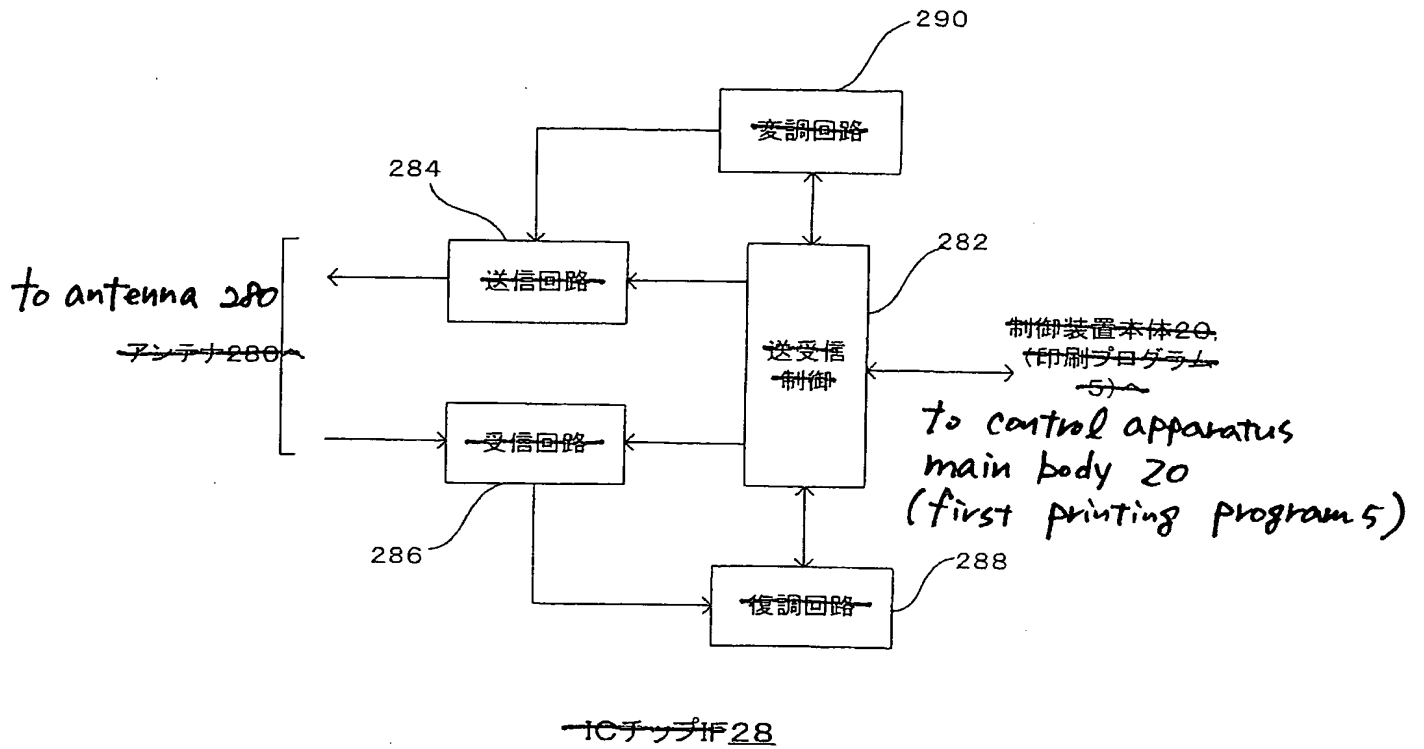




FIG. 7

282 transmission/reception control circuit  
284 transmitting circuit  
286 receiving circuit  
288 demodulating circuit  
290 modulating circuit

8/21

Fig. 8

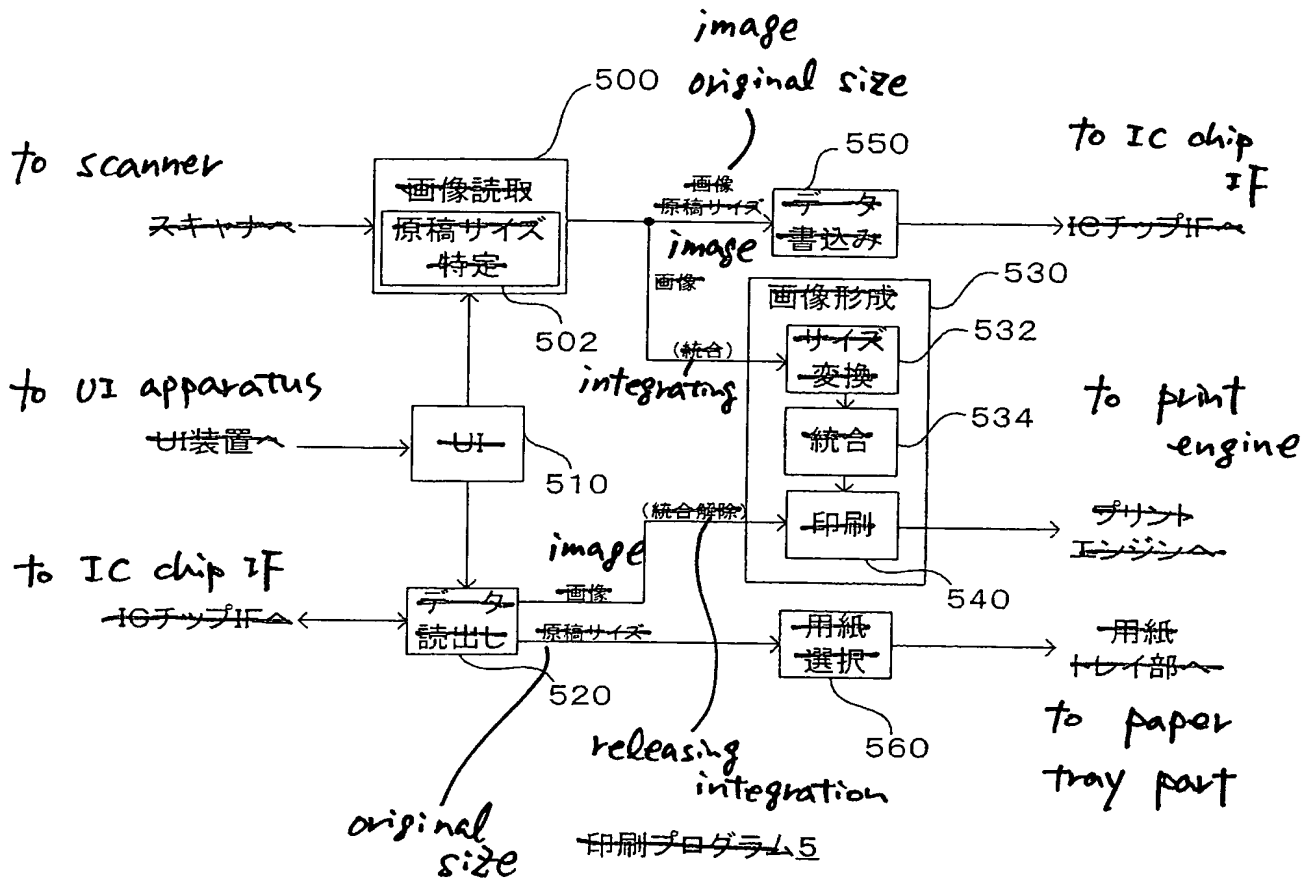


FIG. 8

500 image reading section  
502 original-size specifying section  
510 UI section  
520 data reading section  
530 image forming section  
532 size converting section;  
534 integrating section  
540 printing section  
550 data writing section  
560 paper selecting section

Fig. 9

9/21

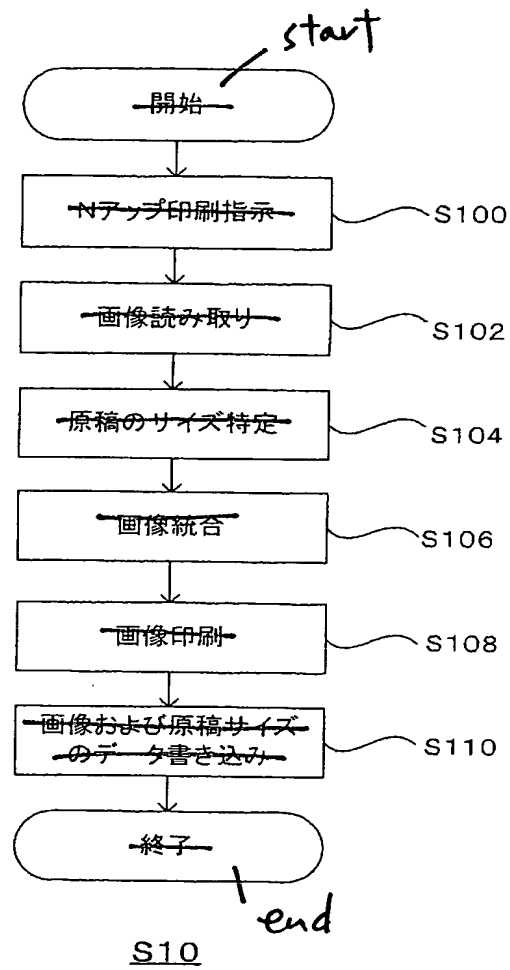


FIG. 9

S100 instruct N-up printing process;  
S102 read image  
S104 specify size of original  
S106 integrate images  
S108 print integrated image  
S110 write data of image and original size

10/21

Fig. 10

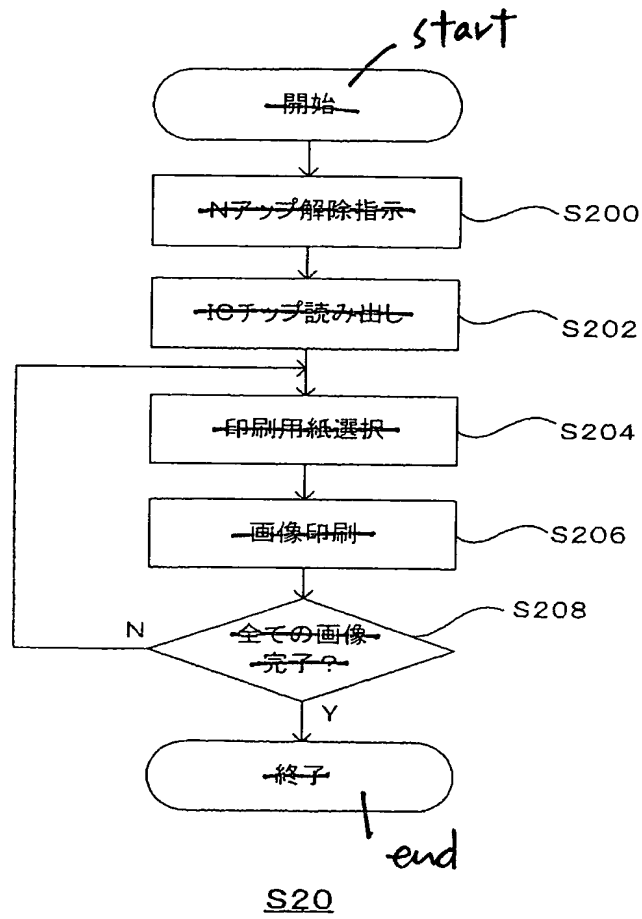


FIG. 10

S200 instruct N-up turning back process

S202 read data from IC chip

S204 select printing paper

S206 print image

S208 all of images are completed?

Fig. 11

11/21

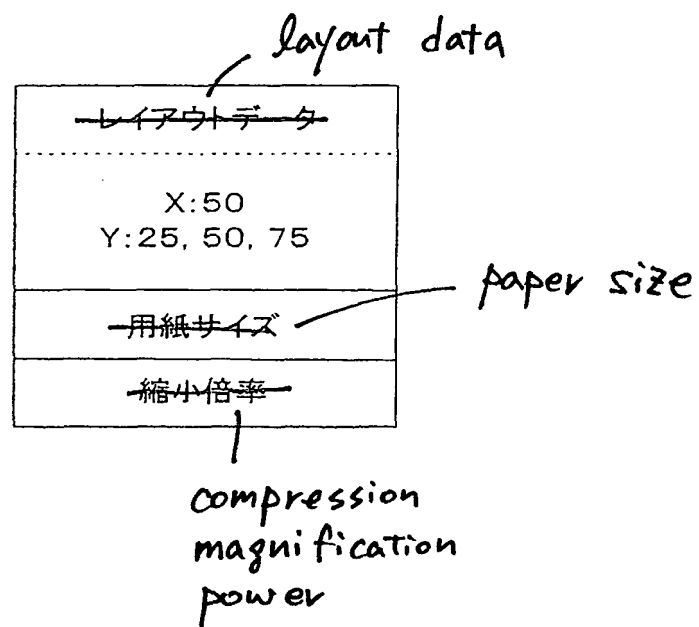
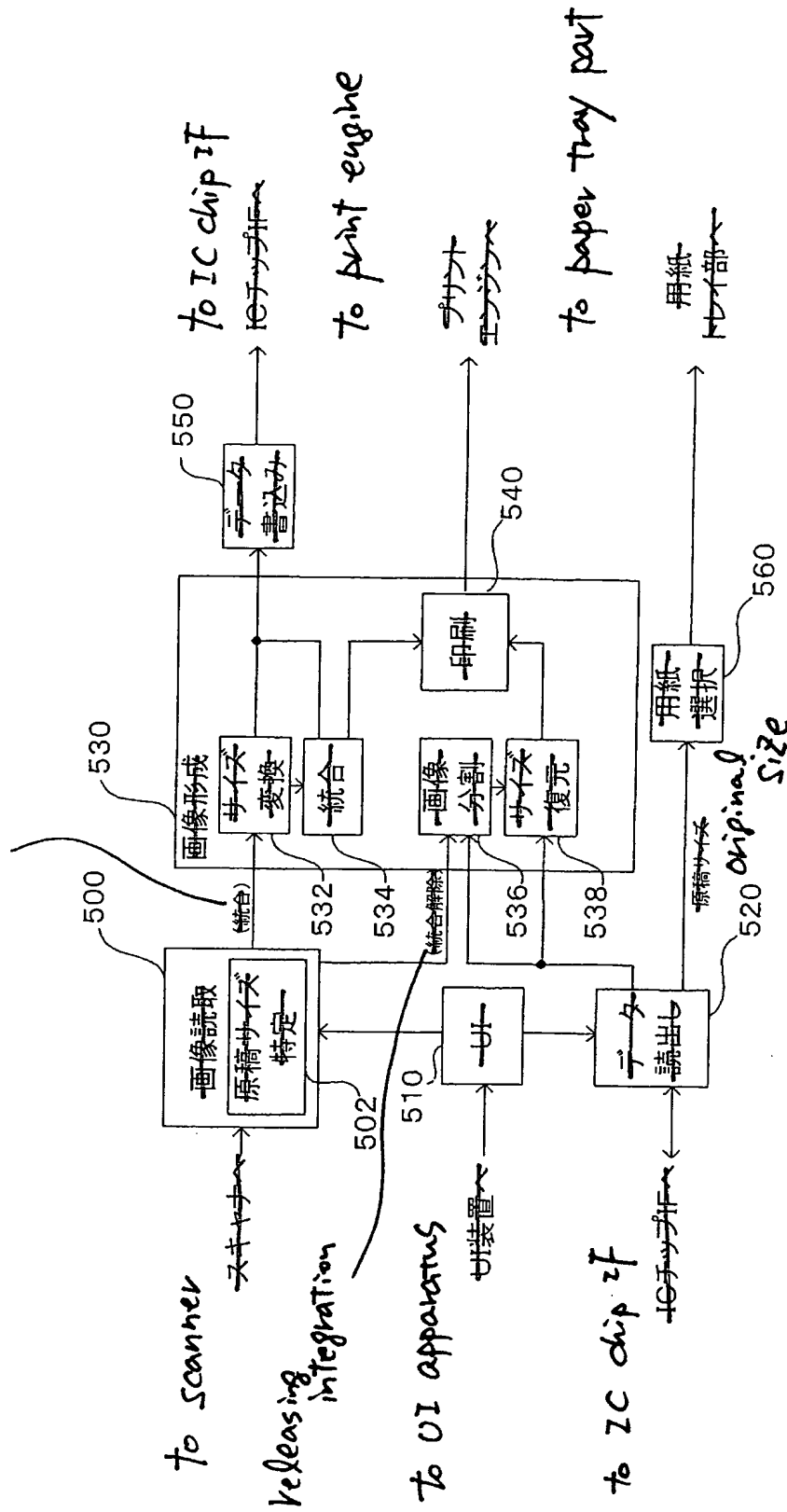




Fig. 12

integrating.



印刷プログラム52

12/21

FIG. 12

500 image reading section  
502 original-size specifying section  
510 UI section  
520 data reading section  
530 image forming section  
532 size converting section  
534 integrating section  
536 image dividing section  
538 size restoring section  
540 printing section  
560 paper selecting section  
550 data writing section

Fig. 13

13/21

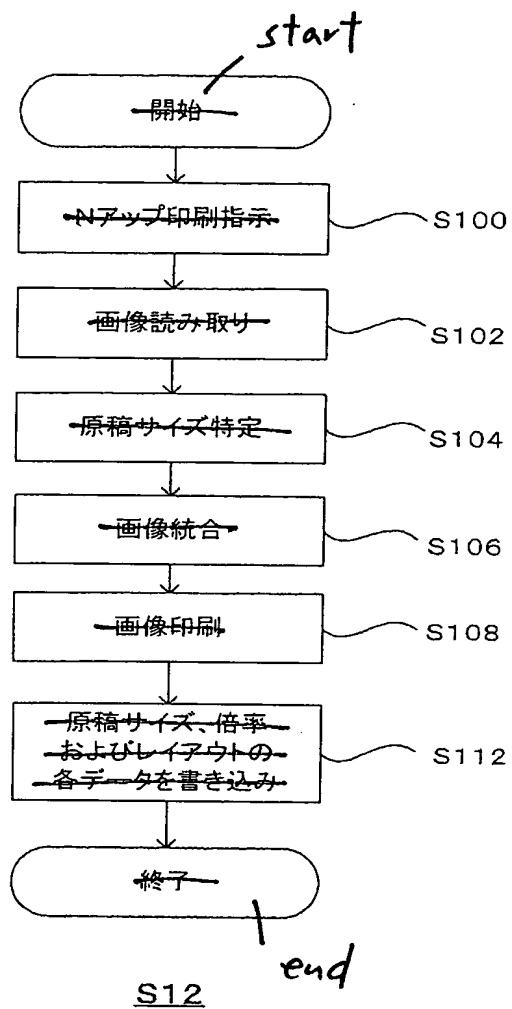
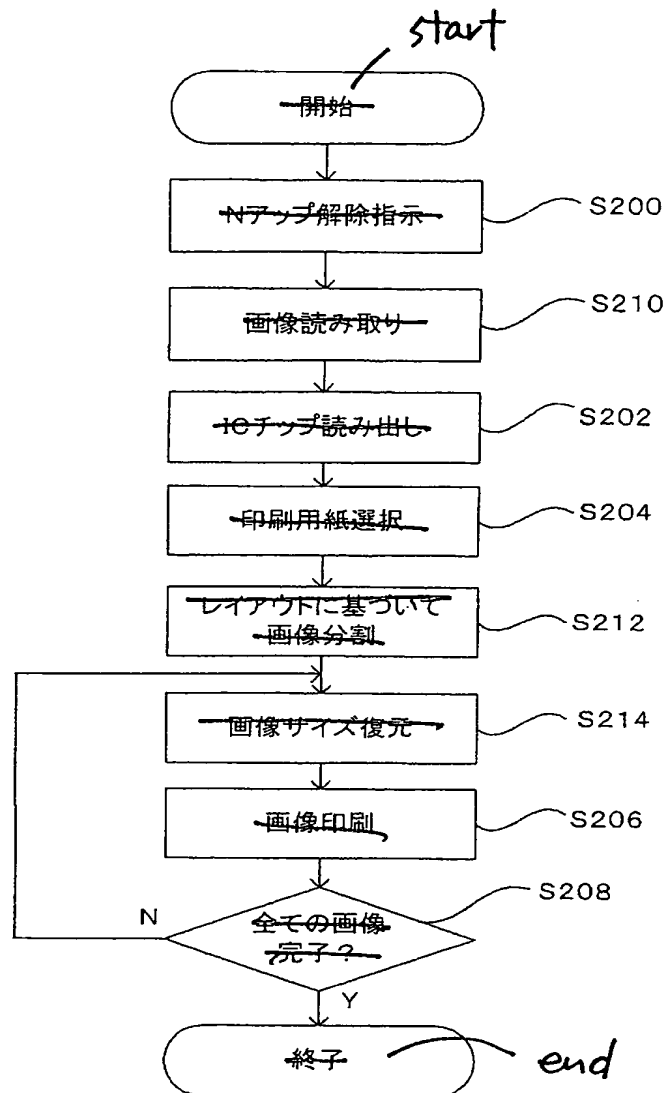


FIG. 13

S100 instruct N-up printing process;  
S102 read image  
S104 specify size of original  
S106 integrate images  
S108 print integrated image  
S112 write each data of original size, magnification power,  
and layout

Fig. 14

14/21



S22

FIG. 14

S200 instruct N-up turning back process  
S210 read image  
S202 read data from IC chip  
S204 select printing paper  
S212 divide image based upon layout  
S214 restore image size  
S206 print restored image  
S208 all of images are completed?

Fig. 15

15/21

paper size standard

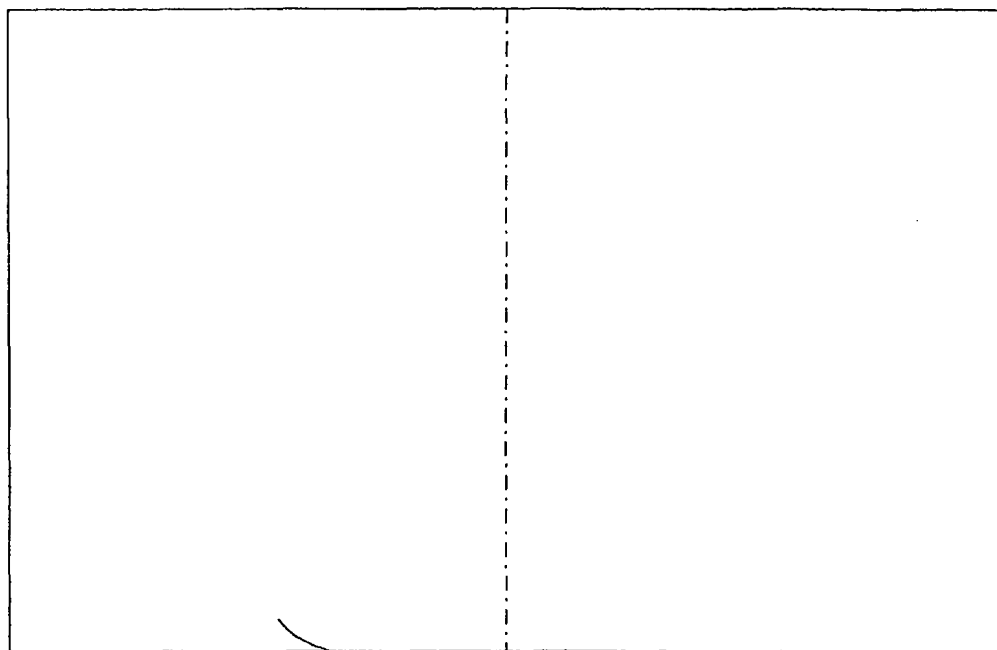
(A)

用紙規格	A3	A4	A5
A3	1:1	2:1	4:1
A4	1:2	1:1	2:1
A5	1:4	1:2	1:1

Fig. 15B

~~A3用紙~~ A3-sized paper

(B)



~~A4用紙~~

A4-sized paper

16/21

Fig. 16

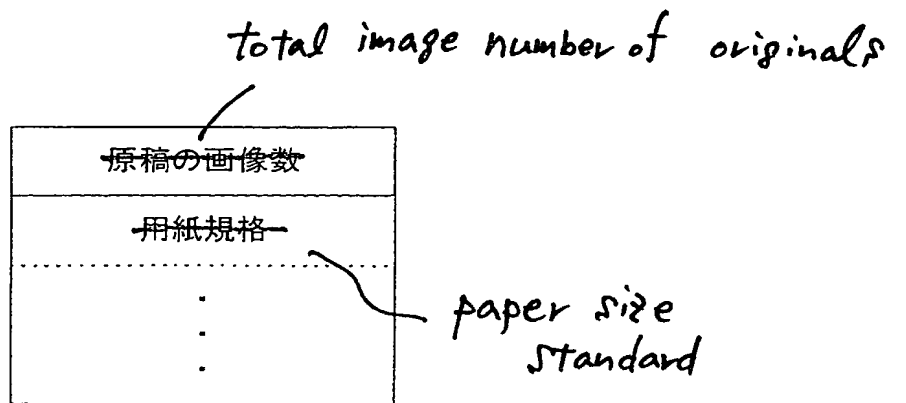
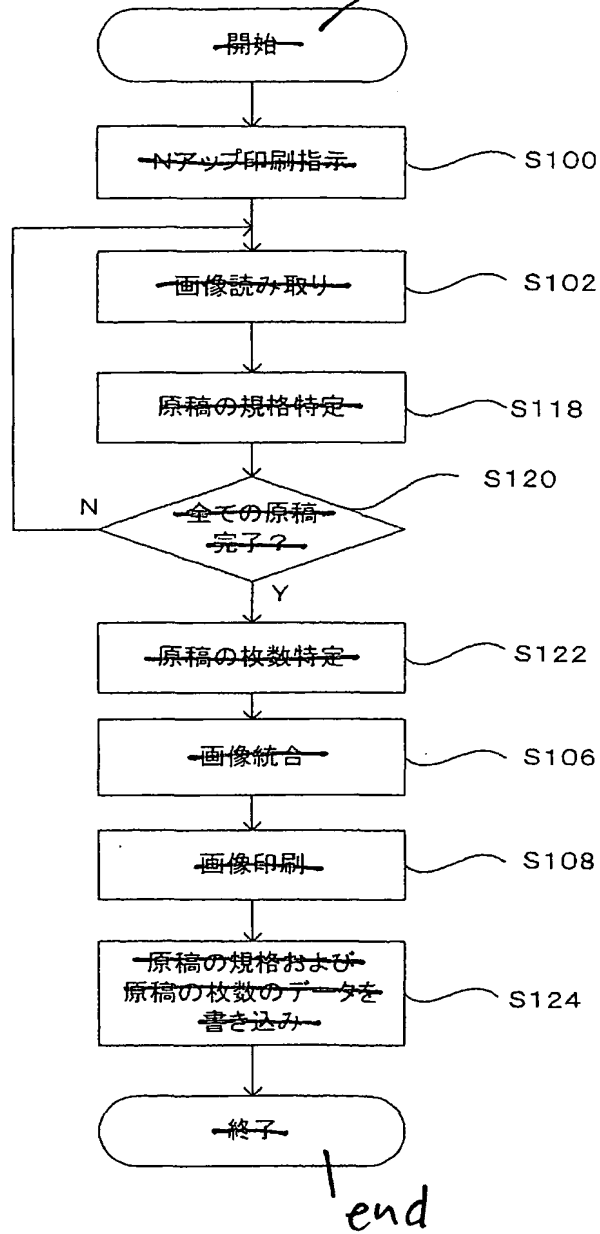




Fig. 17

start

17/21



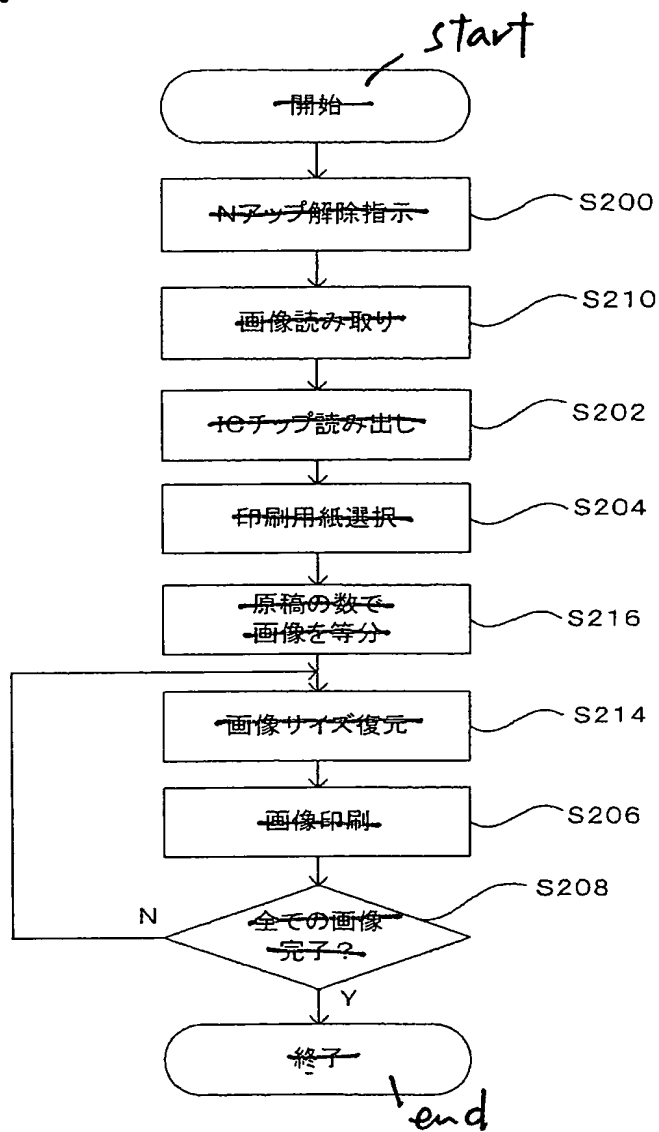
S14

FIG. 17

S100 instruct N-up printing process  
S102 read image  
S118 specify size standard of original  
S120 all of originals are completed?  
S122 specify total number of original  
S106 integrate images  
S108 print integrated image  
S124 write data of size standard of original and total number  
of original

Fig. 18

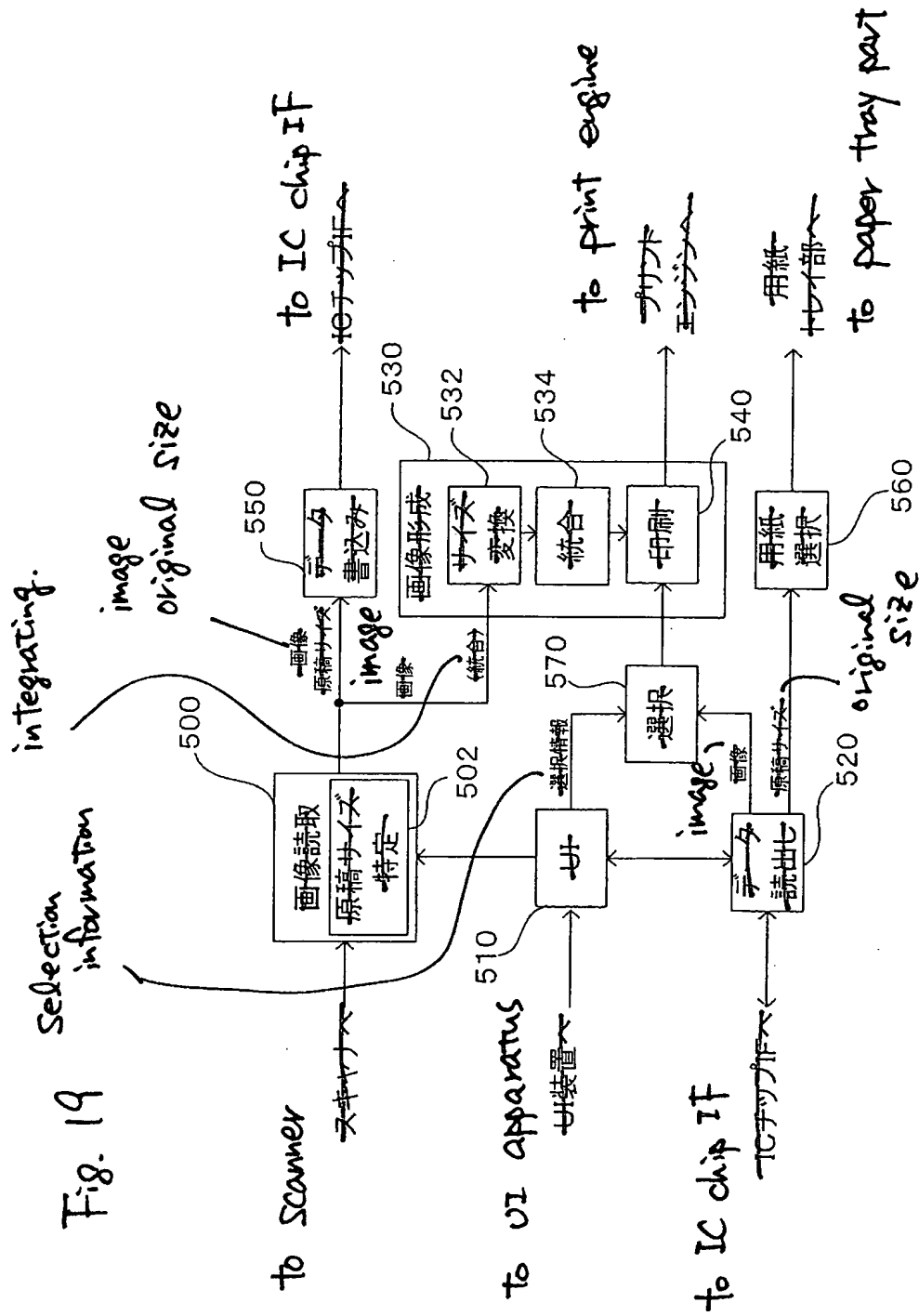
18/21



S24

FIG. 18

S200 instruct N-up turning back process  
S210 read image  
S202 read data stored in IC chip  
S204 select printing paper;  
S216 equally divide image based on total number of original  
S214 restore image size  
S206 print restored image  
S208 all of images are completed?



印刷プログラム 54

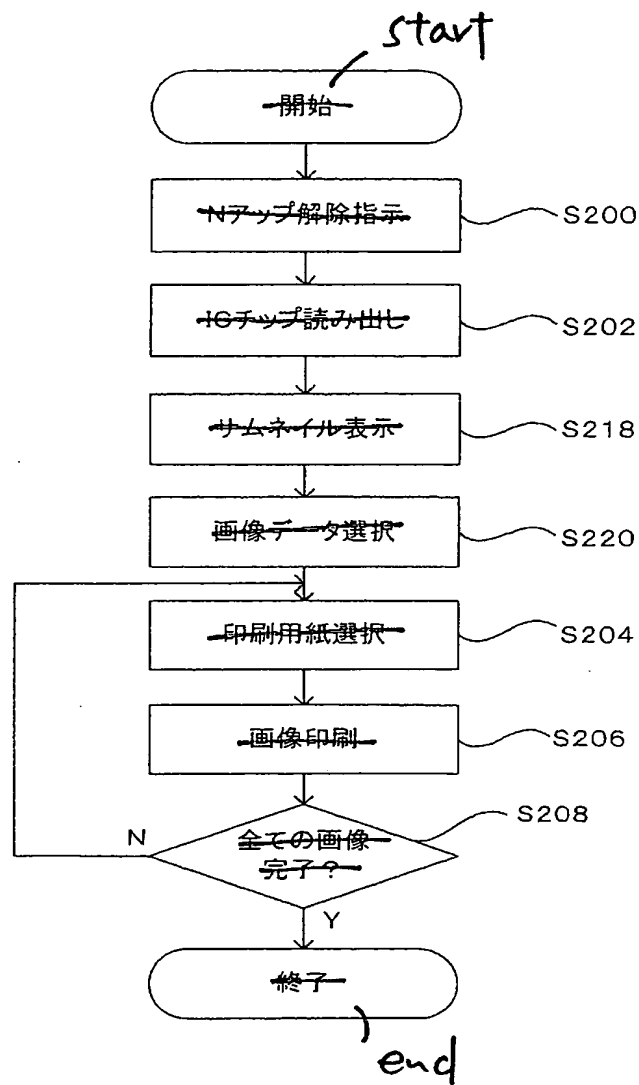
19/21

FIG. 19

500 image reading section  
502 original size specifying section  
510 UI section  
520 data reading section  
530 image forming section  
532 size converting section;  
534 integrating section;  
540 printing section;  
550 data writing section;  
560 paper selecting section;  
570 selecting section

Fig. 20

20/21



S26

FIG. 20

S200 instruct N-up turning back process  
S202 read data stored in IC chip  
S218 display thumbnail image  
S204 select printing paper  
S206 print image  
S208 all of images are completed?  
S220 select image data



Fig. 21

21/21

Please select an image to be printed

